



Journal of Radiation Research and Applied Sciences

Special Issue on:

“Current Research and Future Trends in Biotechnology for a Healthy and Green World”

CALL FOR PAPERS

Green biotechnology is the utilisation of a set of principles that reduces or eliminates the use or generation of hazardous substances in the design, manufacture and application of value-added products. Green biotechnology has many challenges for successful implementation of innovative technologies to accomplish pollution prevention that reduce and/or eliminate the consumption and/or generation of harmful waste materials during the entire production process. In this perspective, ever increasing environmental awareness and the demand for sustainable technology have gained substantial consideration of current academia and industry to develop an eco-friendly processing designs. In labs around the world, there are ... works in progress that could feed more people, with greater nutrition, less fertilizer, less irrigation, and less use of pesticides for the development of healthy and green world.

We invite investigators to contribute review and original papers describing recent findings and future trends in the field of Biotechnology for a healthy and green world. All manuscripts must be written so as to be widely accessible (conceptually) to chemists and technologists.

Potential topics include, but are not limited to:

- ✓ Green Biotechnology: Use of natural substrates to synthesise value-added products by bacteria, fungi, yeast or other (micro)-organisms, use of enzymes as industrial catalysts, biopharmaceutics, and biofuels.
- ✓ Biochemical Engineering: Engineering aspects of biological processes from primary material to product recovery; separation, purification, and packaging after fermentation and/or bioconversion.
- ✓ Agricultural Biotechnology and Applied Microbiology: Crop improvement, bioenergy, microbial biodegradation, food biotech, environmental biotech: bioremediation.

These are just some of the reasons why you should consider to submit your next paper in the special issue of JRRAS:

“Current Research and Future Trends in Biotechnology for a Healthy and Green World”

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Manuscript Due

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First Round of Reviews

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